

## **CHAPTER 2. Applicable Documents**

This section provides references to applicable documents that describe requirements, specifications and functional capabilities for DII COE common support application services: Alert Services, Correlation Services, Joint Mapping Tool Kit (JMTK) Services, Message Processing Services, Office Automation Services, and On-Line Support Services.

The following documents form a part of this specification to the extent specified herein. In the event of a conflict between the documents referenced herein and the contents of this specification, the contents of this specification shall be considered a superseding requirement. Latest versions of documents are applicable where exact dates are not provided.

Copies of specifications, standards, drawings, and publications required by suppliers in connection with specified procurement functions should be obtained from the contracting agency or as directed by the contracting officer.

### **2.1 Government Documents**

#### **2.1.1 Alert Services**

##### **2.1.1.1 Alert Services Specifications**

- ACCS-A1-100-006: System Specification for Army Tactical Command and Control System (ATCCS)
- ATCCS-A1-302-001A: Army Tactical Command and Control System Common ATCCS Support Software (CASS) Systems/Segment Specification
- LL-500-04-03: GCCS Common Operating Environment Baseline, DISA, Nov 1994
- XXXXX: AWIS Software Requirements Specification (ASRD), July 1992

##### **2.1.1.2 Alert Services Standards**

- MIL-STD-498: Military Standard - Software Development and Documentation, DoD, Dec 1994
- DoD-STD-1815A: Ada Programming Language, January 1983
- DoD-STD-2168: Defense System Software Quality Program Standards, DoD, Apr 1988

#### **2.1.2 Track Correlation Management Services**

- Battle Group Database Management Software Requirements Specification (BGDBM), SPAWAR-B-832, Revision A, Specification Change Notice 1, 1 March 1995.
- MIL-STD-498, DI-IPSC-81433, Data Item Description for Software Requirements Specification, 5 December 1994.
- JDL Data Fusion Model.
- Track Correlation Management Services Functional Description Document (FDD), 17 July, 1996.
- Defense Information Infrastructure (DII) Common Operating Environment (COE) Integration & Runtime Specification (I&RTS) , Joint Interoperability and Engineering Organization, Defense Information Systems Agency (DISA).
- DII COE Baseline Document, v1.0, Joint Interoperability and Engineering Organization, DISA, 20 Feb 1996.
- ORDs

### **2.1.3 Joint Mapping Tool Kit (JMTK) Services**

- Defense Information Systems Agency. Defense Information Infrastructure (DII) Common Operating Environment (COE) Baseline. Version 1.0. PRELIMINARY DRAFT. 14 February 1996.
- Defense Information Systems Agency. User Interface Specifications for the Defense Information Infrastructure (DII), Version 2.0, PRELIMINARY DRAFT, 1 December 1995.
- Institute for Defense Analyses. Architecture Design Document for the Global Command and Control System (GCCS) Common Operating Environment (COE), DRAFT, 15 December 1995.
- Defense Information Systems Agency. Defense Information Infrastructure (DII) Common Operating Environment (COE) Integration and Runtime Specification (I&RTS), Version 2.0, PRELIMINARY, 23 October 1995.
- Defense Information Systems Agency. Global Command and Control System (GCCS) Common Operating Environment (COE) Baseline, 28 November 1994.
- Defense Mapping Agency. GCCS/JMTK Application Programming Interfaces (APIs) for GCCS Version 2.0, 24 October 1995.

### **2.1.4 Message Processing Services**

#### **2.1.4.1 Specifications**

- MROC 9-81: JCS Multi-Command Required Operational Capability (MROC) for Automated Message Handling, May 1981, Updated July 1983.

#### **2.1.4.2 Standards**

- MIL STD 6040 (Interim), U.S. Message Text Formatting Program, Description of U.S. Message Text Formatting Program
- ACCS-A3-500-004 Army Command and Control System Message Catalog, 28 May 1993.
- ACCS-A3-500-005 Message Format Definition Database Specification.
- Joint Variable Message Format (VMF) Technical Interface Design Plan.
- Intelligence and Electronic Warfare (IEW) Character-Oriented Message Catalog (COMCAT)
- United States Signals Intelligence Directive (USSID) 316
- Marine Tactical System (MTS), Marine Corps Unique Message Standard
- OTH-GOLD, Navy Unique Message Standard
- ADatP-3, Allied Data Publication

#### **2.1.4.3 Other Government Documents**

- DSSCS Operating Instructions (DOI) 103
- Allied Communications Publication (ACP) 126: GENSER Operating Procedures.
- Allied Communications Publication (ACP) 126(M): GENSER Operating Procedures (Modified).
- Allied Communications Publication (ACP) 127: NATO Operating Procedures.
- DD173: Joint Message Form, January 1979.
- MIL STD 1832: Diskette Message File Formats for Defense Messaging, 6 Sep 93 with latest change pages.
- Allied Communications Publication (ACP) 123.
- Allied Communications Publication (ACP) 127(M): NATO Operating Procedures (Modified).
- MIL STD 2045-47001, Application Layer Protocol
- User Interface Specifications for the Global Command and Control System (GCCS)
- Defense Intelligence Agency Manual (DIAM) 65-19
- Army Regulation (AR) 380-19, Information Systems Security

- Department of Defense (DoD) Standard 5200.28, Department of Defense Trusted Computer System Evaluation Criteria
- Joint Chiefs of Staff (JCS) Publication 6-03.7
- Joint Army, Navy, and Air Force Protocol (JANAP) 128

### **2.1.5 Office Automation Services**

- Defense Information Infrastructure (DII) Common Operating Environment (COE) Functional Area System Requirements Specification for Message Processing, 11 July 1995, DISA
- User Interface Specifications for the Defense Information Infrastructure (DII), Version 2.0, 31 December, 1995, DISA
- Defense Information Infrastructure (DII) Common Operating Environment (COE) Baseline, Version 1.0, Preliminary Draft, February 14, 1996, DISA.
- Defense Information Infrastructure (DII) Common Operating Environment (COE) Integration and Runtime Specification (I&RTS) , Version 2, October 23, 1995, DISA.
- Defense Information Infrastructure (DII) Common Operating Environment COE Security Requirements Specification, Version 1.2, 1 December, 1995
- DOD, MIL-STD-1781, May 1984, Simple Mail Transfer Protocol (SMTP), Washington, DC: DOD.
- NIST, FIPS PUB 128-1, 11 May 1993, Computer Graphics Metafile (CGM),Springfield, VA: NTIS.
- NIST, FIPS PUB 152, September 1988, Standard Generalized Markup Language(SGML), Springfield, VA: NTIS.

### **2.1.6 On-Line Support Services**

- Software Requirements Specification (SRS) Data Item Description, Identification Number DI-IPSC-81433, 5 December 1994
- Joint Maritime Command Information System (JMCIS) Common Operating Environment (COE) Version 1.3, February 1994
- Multilevel Security in the Department of Defense: The Basics, March 1, 1995
- Global Command and Control System (GCCS) Integration Standard, Version 1.0, October 1994.
- Global Command and Control System (GCCS) Common Operating Environment Baseline, DISA, November 28, 1994.
- User Interface Specifications for Global Command and Control System (GCCS), Version 1.0, October 1994.
- Draft Architectural Design Document for the Global Command and Control System (GCCS) Common Operating Environment (COE), Version 3, July 24, 1994.
- Draft GCCS COE Data Access Services Software Requirements Specifications, Version 3.0, September 29, 1995

## **2.2 Non-Government Documents**

### **2.2.1 Alert Services**

- IEEE 1003.1: Standard Portable Operating Interface for Computer Environments (POSIX), IEEE, September 1988
- ISBN 0-937175-11-0: Xlib Programming Manual, Vol. 1, 2nd Ed., O'Reilly and Assoc. [Adrian Nye], Sebastopol, CA, 1990
- ISBN 0-937175-12-9: Xlib Programming Manual, Vol. 2, 2nd Ed., O'Reilly and Assoc. [Adrian Nye], Sebastopol, CA, 1990
- ISBN 0-937175-33-1: X Toolkit Intrinsics Programming Manual, O'Reilly and Assoc. [Adrian Nye and Tim O'Reilly], Sebastopol, CA, 1990

- ISBN 1-56592-005-8: Understanding DCE, O'Reilly and Assoc. [Ward Rosenberry, David Kenney and Gerry Fisher], Sebastopol, CA, 1993
- ISBN 1-56592-005-8: Guide to Writing DCE Applications, O'Reilly and Assoc. [John Shirley], Sebastopol, CA, 1992

## **2.2.2 Track Correlation Management Services**

## **2.2.3 Joint Mapping Tool Kit (JMTK) Services**

- Joint Mapping Toolkit Working Group. Software Engineering Standards for GCCS Joint Mapping Toolkit, Version 3.0, 30 April 1996.
- Computer Sciences Corporation. 3.0 JMTK Software Test Plan, 15 December 1995.
- Computer Sciences Corporation. 4.0 JMTK Software Interoperability Document, DRAFT, 17 April 1996.
- Computer Sciences Corporation. Functional Requirements for the Joint Mapping Tool Kit (GCCS/JMTK) of the Global Command and Control System (GCCS) Common Operating Environment (COE), Version 1, 20 July 1995.
- Computer Sciences Corporation. DRAFT Software Requirements Specification for the Joint Mapping Tool Kit (GCCS/JMTK) of the Global Command and Control System (GCCS) Common Operating Environment (COE), Release 1.0, DRAFT, 9 October 1995.

## **2.2.4 Message Processing Services**

## **2.2.5 Office Automation Services**

- Adobe Systems Inc., 1990, PostScript Language Reference Manual, 2nd ed., Reading, MA: Addison-Wesley.
- CCITT X.400-X.430, November 1988, Message Handling Systems, Vol. VIII-Fascicle VIII.7-CCITT Recommendation, Switzerland: CCITT.
- IEEE P1003.1, 1990, IEEE Standard Portable Operating System Interface for Computer Environments, Piscataway, NJ: IEEE.
- ISO 8879, 1986, Information processing — Text and office systems— Standard Generalized Markup Language (SGML), Switzerland: ISO.
- X/Open Single UNIX Specification, 1995, San Francisco, CA: X/Open Co., Ltd.
- X/Open Common Desktop Environment (CDE) Specification, 1995, , San Francisco, CA: X/Open Co., Ltd..
- ECMA Application Programming Interface for Windows (APIW) Specification (Draft), 14 July, 1995, ECMA

## **2.2.6 On-Line Support Services**